

SECRET

10 DEC 68 18 40Z

P 101826Z DEC 68

FM NPIC WASHDC

TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB

RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB

RUCLFGA/100TH SRW OL 19 MCCOY AFB FLA

RUWJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUEAIIA/CIA WASH DC

RUEOJFA/DIA

RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 5215.

SAC FOR DIR, DOSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR

CO, DCOI; HQ USAF FOR AFRDR [REDACTED] DIA FOR DIAXX-2.

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-054

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION IS FAIR. THE IMAGERY APPEARS TO BE DEGRADED BY ATMOSPHERICS. REPORTED IN PREVIOUS MISSIONS, THE IMAGERY NEAREST THE DATA CHAMBER

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IS OF A POORER QUALITY THAN THAT AT THE NON-DATA CHAMBER END. EVER, THIS DIFFERENCE IN IMAGE QUALITY ACROSS THE FORMAT DOES NOT SEEM AS GREAT AS SEEN ON PREVIOUS MISSIONS USING UNIT 10. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD WHERE NOT DEGRADED BY ATMOSPHERICS. CLOUD COVER OBSCURES APPROXIMATELY 50 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10, WAS USED FOR MISSION G-054 FLOWN ON 3 DECEMBER 1968. MODE 5 WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3401 WAS USED WITH AN EXPOSURE OF 1/400 AT F/11. THE MATERIAL WAS PROCESSED TO AN AVERAGE GAMMA OF 2.32. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECHN SUPPCEN.

3. ORIGINAL NEGATIVES:

A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM WHERE NOT AFFECTED BY ATMOSPHERICS.

C. IMAGE DEGRADATIONS:

(1) 9L SIDE: TWO FINE PLUS DENSITY STREAKS, PARALLEL TO AND 4.9 INCHES AND 5.7 INCHES FROM THE INBOARD EDGE, ARE

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PRESENT ON THE FIRST HALF OF THE MISSION.

(2) BOTH SIDES: MINOR INBOARD ROLLER CHATTER IS PRESENT THROUGHOUT THE MISSION.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: FOUR HEAT SPLICES ARE PRESENT BETWEEN FRAMES. ONE HEAT SPLICE IS PRESENT IN FRAME 1354.

(2) 9L SIDE: FIVE HEAT SPLICES AND ONE MANUFACTURING SPLICE ARE PRESENT ON THIS MISSION. ONE HEAT SPLICE IS LOCATED IN FRAME 1396.

F. AUXILIARY DATA: THE EVENTS COUNTER SKIPPED NUMBER TWO. A PLUS ONE BIAS WAS HELD THROUGHOUT THE MISSION. ALL OTHER RECORDING SYSTEMS FUNCTIONED PROPERLY.

F. THE LAST TITLED FRAME IS 2761, COUNTER NUMBER 2762.

4. POSITIVES: THE PRINTING AND PROCESSING ARE GOOD.

GP-1

S E C R E T

---END OF MESSAGE---

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